

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084892.D
 Acq On : 17 Nov 2024 14:00
 Operator : JC\MD
 Sample : P4845-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-B-3-20241112

Quant Time: Nov 18 00:20:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

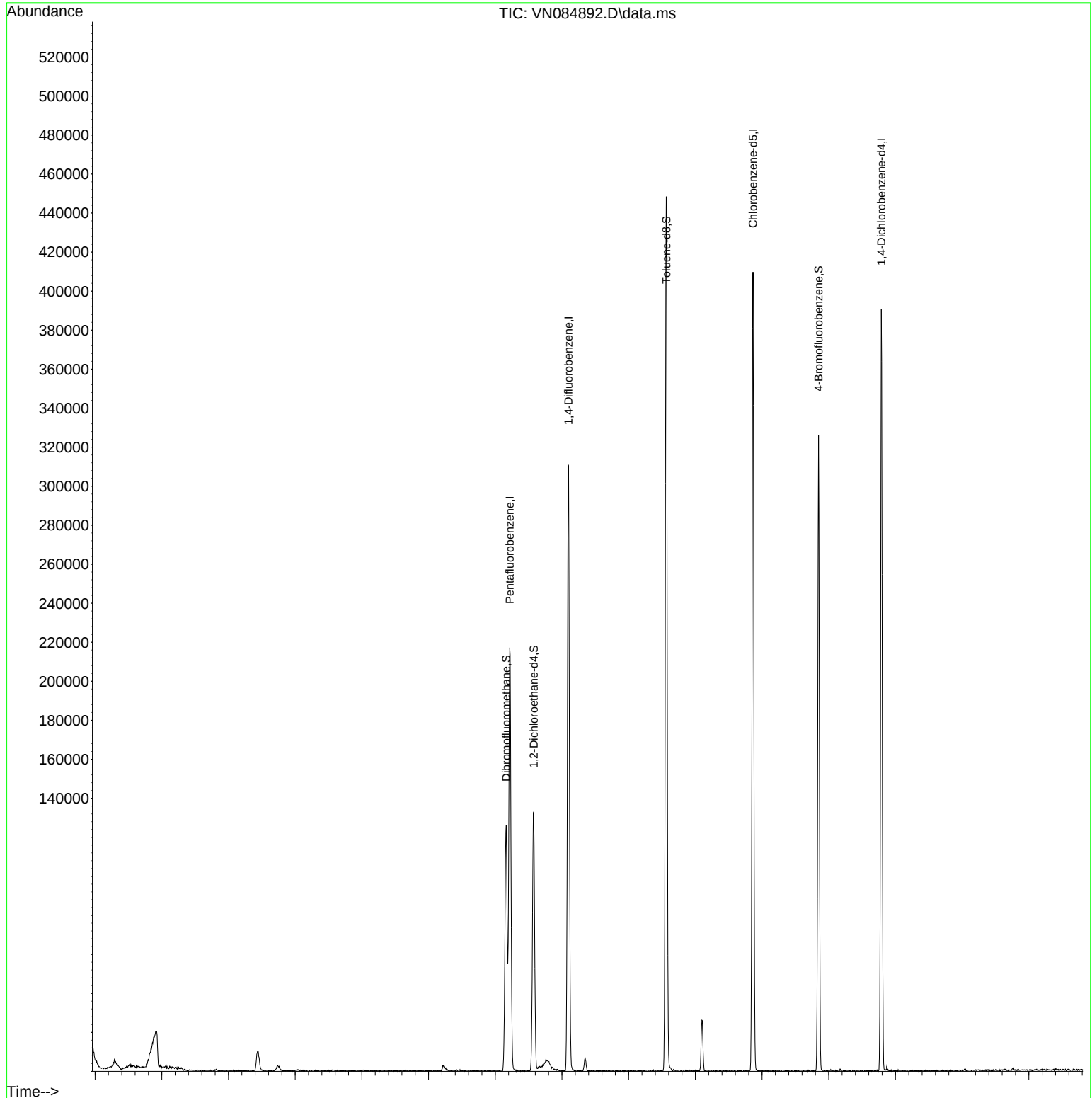
Internal Standards						
1) Pentafluorobenzene	8.218	168	158395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113974	49.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	8.165	113	91208	49.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	10.565	98	310397	45.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.847	95	115363	45.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.840%		
Target Compounds						
44) Trichloroethene	9.353	130	2555	1.348	ug/l	81
64) Tetrachloroethene	11.100	164	6249	3.978	ug/l	97

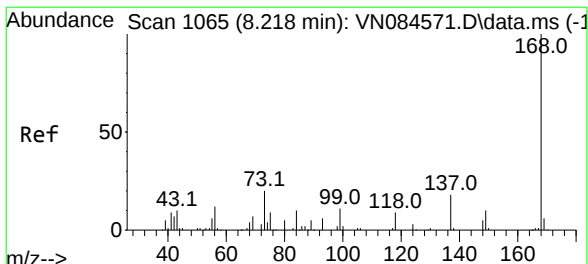
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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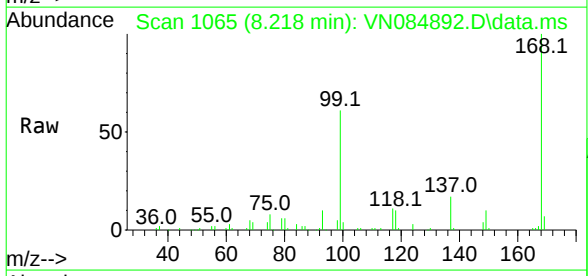
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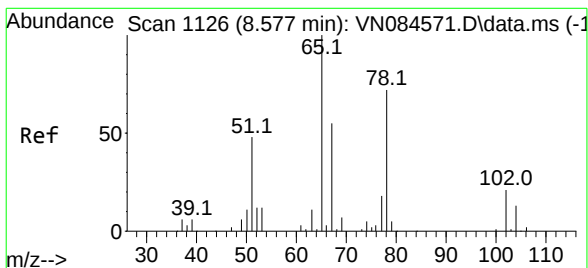
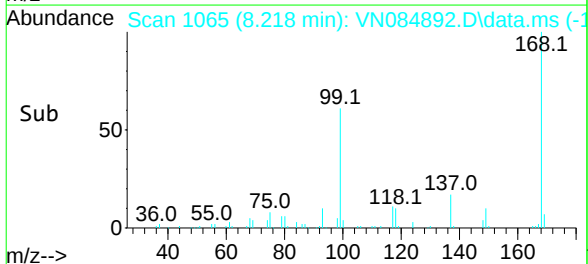
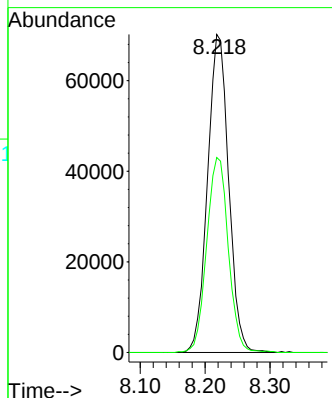


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

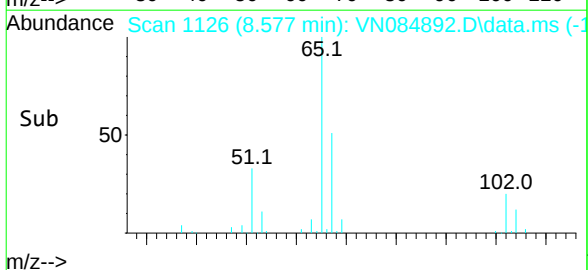
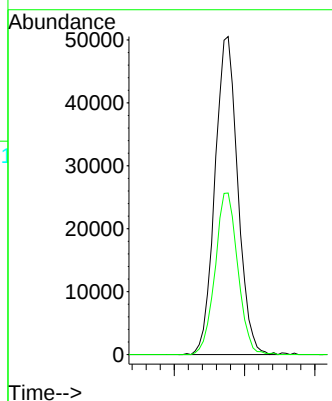
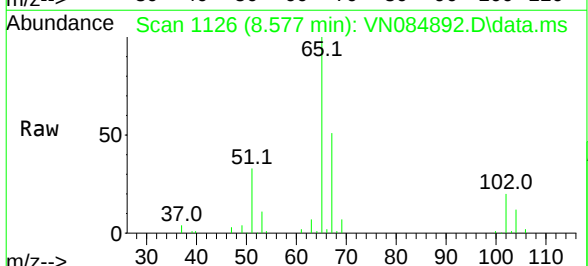


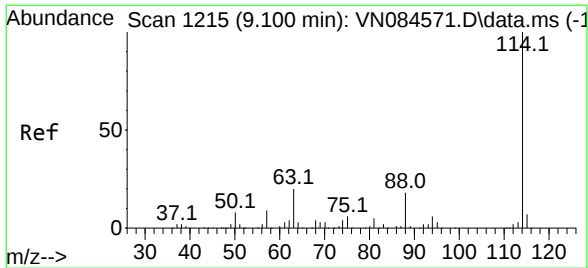
Tgt Ion:168 Resp: 158395
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.819 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 65 Resp: 113974
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0

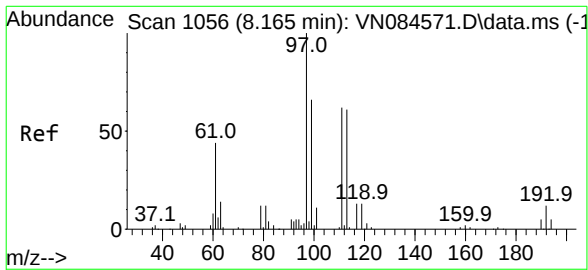
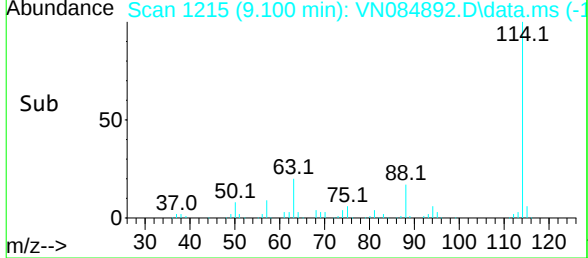
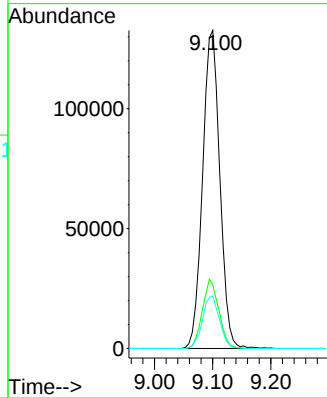
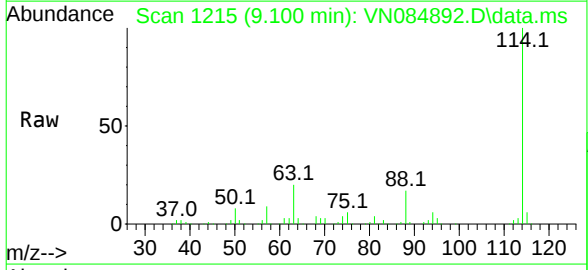




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

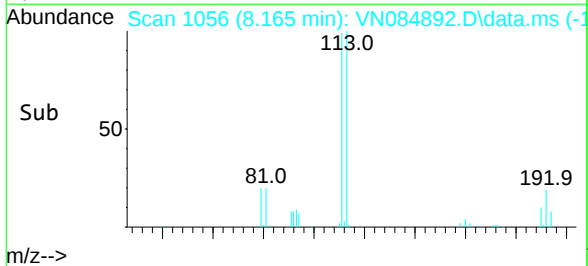
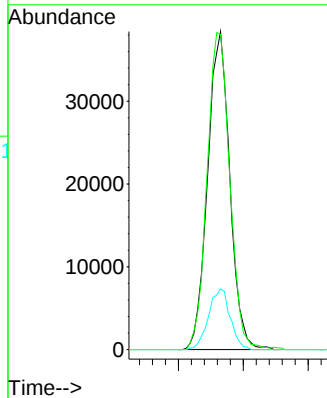
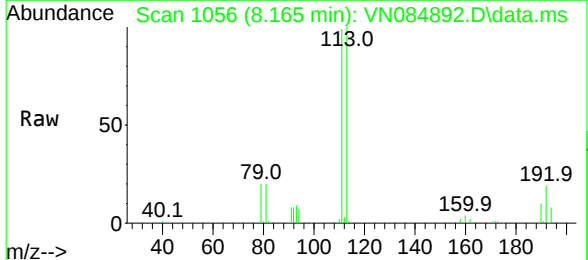
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

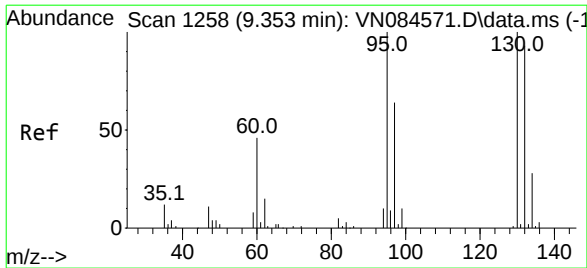
Tgt Ion:	114	Resp:	272591
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	43.8
88	16.6	0.0	31.6



#35
Dibromofluoromethane
Concen: 49.432 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion:	113	Resp:	91208
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.3	124.9
192	18.6	13.5	20.3





#44

Trichloroethene

Concen: 1.348 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084892.D

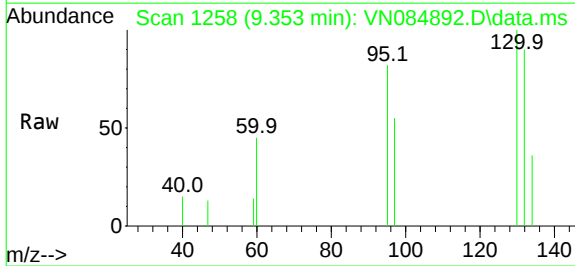
Acq: 17 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-B-3-20241112

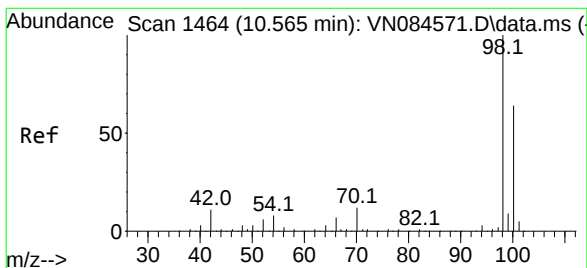
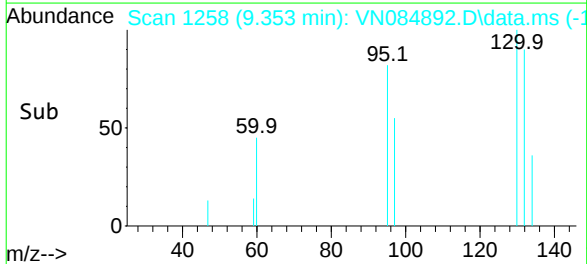
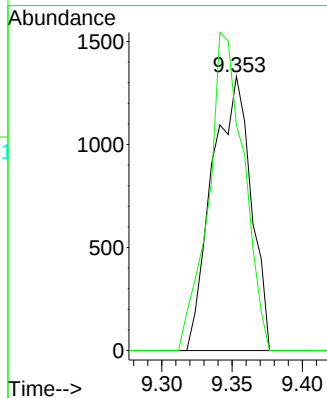


Tgt Ion:130 Resp: 2555

Ion Ratio Lower Upper

130 100

95 82.1 0.0 203.0



#50

Toluene-d8

Concen: 45.668 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084892.D

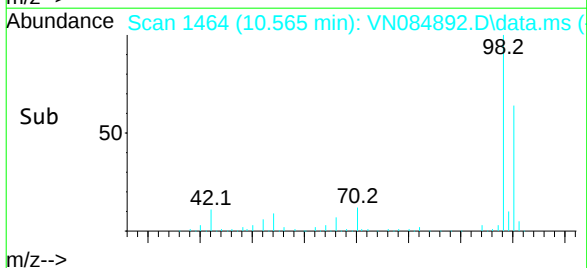
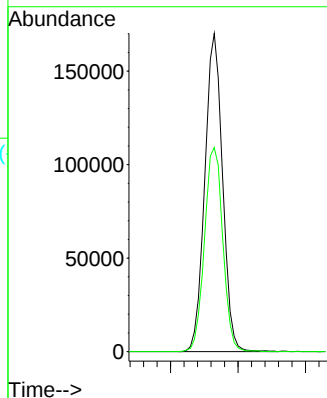
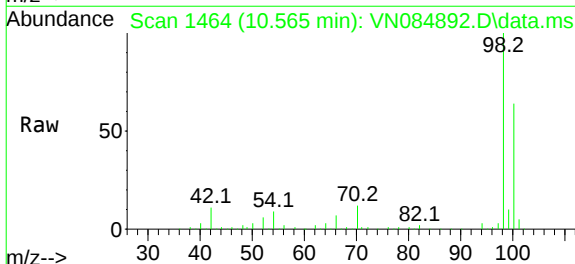
Acq: 17 Nov 2024 14:00

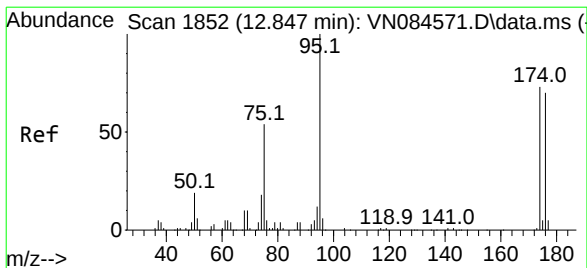
Tgt Ion: 98 Resp: 310397

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 45.415 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084892.D

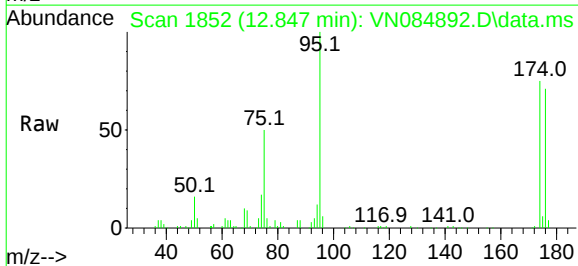
Acq: 17 Nov 2024 14:00

Instrument :

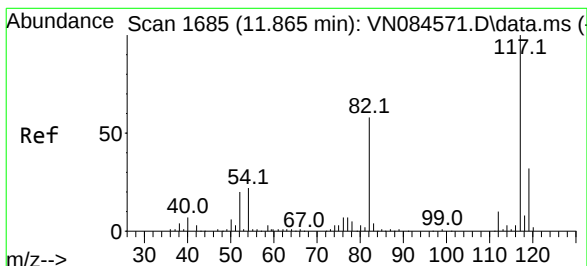
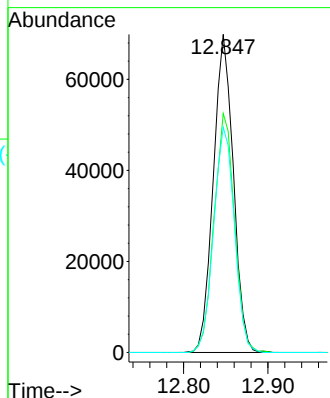
MSVOA_N

ClientSampleId :

FSND-MW-B-3-20241112



Tgt Ion:	95	Resp:	115363
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	145.2
176	73.5	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

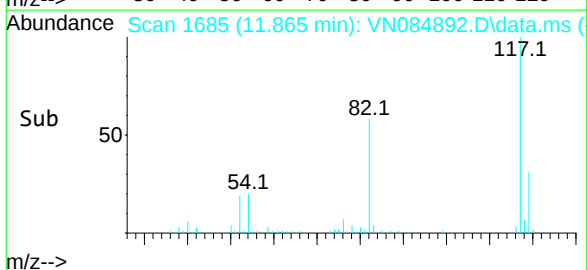
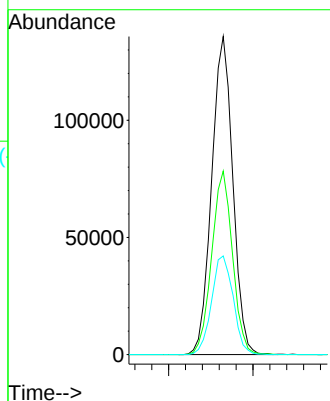
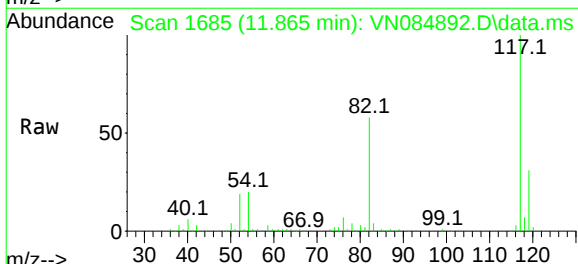
RT: 11.865 min Scan# 1685

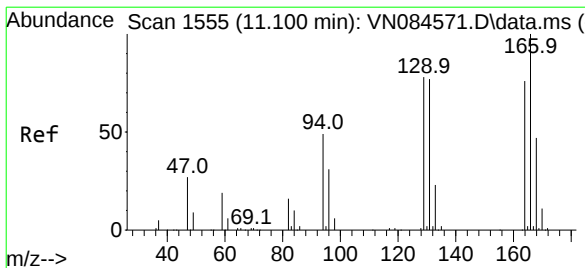
Delta R.T. -0.000 min

Lab File: VN084892.D

Acq: 17 Nov 2024 14:00

Tgt Ion:	117	Resp:	236193
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.2	70.8
119	31.0	25.4	38.0





#64

Tetrachloroethene

Concen: 3.978 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084892.D

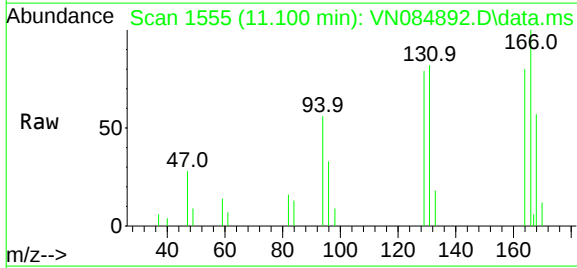
Acq: 17 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-B-3-20241112



Tgt Ion:164 Resp: 6249

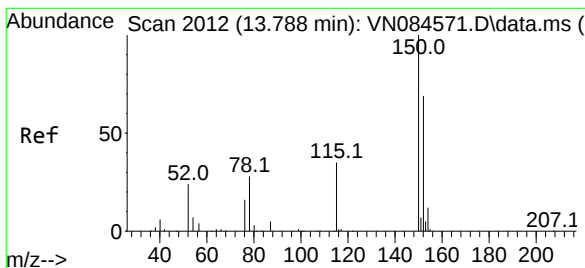
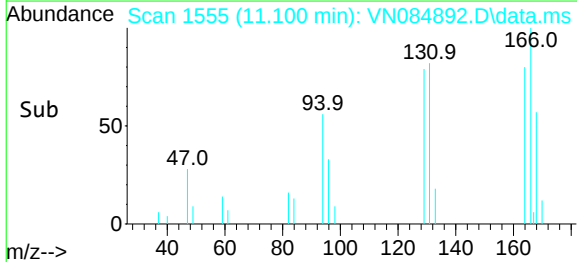
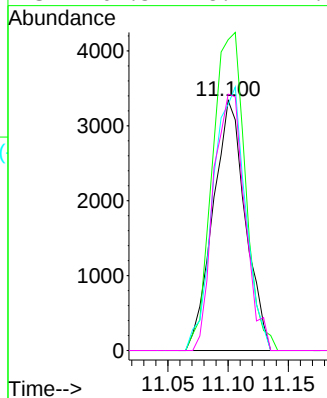
Ion Ratio Lower Upper

164 100

166 124.3 101.0 151.4

129 98.4 80.8 121.2

131 102.5 78.1 117.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084892.D

Acq: 17 Nov 2024 14:00

Tgt Ion:152 Resp: 104780

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.9

150 157.6 0.0 349.8

